

9/923484

NOTICE OF DRAFTSPERSON'S
PATENT DRAWING REVIEWThe drawing(s) filed (insert date) 8/6/01 are:A. ☒ approved by the Draftsperson under 37 CFR 1.84 or 1.152.B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:

Black ink. Color.

Color drawings are not acceptable until petition is granted.

Fig(s) _____

Pencil and non black ink not permitted. Fig(s) _____

2. PHOTOGRAPHS. 37 CFR 1.84(b)

Full-tone set is required. Fig(s) _____

Photographs may not be mounted. 37 CFR 1.84(c)

Poor quality (half tone). Fig(s) _____

3. TYPE OF PAPER. 37 CFR 1.84(c)

Paper not flexible, strong, white, and durable.

Fig(s) _____

Erasures, alterations, overwritings, interlineations,

folds, copy machine marks not accepted. Fig(s) 1-27

Mylar, velum paper is not acceptable (too thin).

Fig(s) _____

4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:

21.0 cm by 29.7 cm (DIN size A4)

21.6 cm by 27.9 cm (8 1/2 x 11 inches)

All drawing sheets not the same size.

Sheet(s) _____

Drawings sheets not an acceptable size. Fig(s) _____

5. MARGINS. 37 CFR 1.84(g): Acceptable margins.

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

SIZE: A4 Size

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

SIZE: 8 1/2 x 11

Margins not acceptable. Fig(s) 5, 7, 14, 18, 20, 22, 25

Top (T) _____

Left (L) _____

Right (R) _____

Bottom (B) _____

6. VIEWS. 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes.

Partial views. 37 CFR 1.84(h)(2)

Brackets needed to show figure as one entity.

Fig(s) _____

Views not labeled separately or properly.

Fig(s) _____

Enlarged view not labeled separately or properly.

Fig(s) _____

7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)

Hatching not indicated for sectional portions of an object.

Fig(s) _____

Sectional designation should be noted with Arabic or

Roman numbers. Fig(s) _____

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)

Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____

9. SCALE. 37 CFR 1.84(k)

Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.

Fig(s) _____

10. CHARACTER OF LINES, NUMBERS, & LETTERS.

37 CFR 1.84(i)

Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality).

Fig(s) 1-27 (imprints)

11. SHADING. 37 CFR 1.84(m)

Solid black areas pale. Fig(s) _____

Solid black shading not permitted. Fig(s) _____

Shade lines, pale, rough and blurred. Fig(s) _____

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.

37 CFR 1.84(p)

Numbers and reference characters not plain and legible.

Fig(s) 1-27

Figure legends are poor. Fig(s) _____

Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1)

Fig(s) _____

English alphabet not used. 37 CFR 1.84(p)(2)

Fig(s) _____

Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)

Fig(s) _____

13. LEAD LINES. 37 CFR 1.84(q)

Lead lines cross each other. Fig(s) _____

Lead lines missing. Fig(s) _____

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(r)

Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____

15. NUMBERING OF VIEWS. 37 CFR 1.84(u)

Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____

16. CORRECTIONS. 37 CFR 1.84(w)

Corrections not made from prior PTO 948 dated _____

17. DESIGN DRAWINGS. 37 CFR 1.152

Surface shading shown not appropriate. Fig(s) _____

Solid black shading not used for color contrast.

Fig(s) _____

COMMENTS

- ☒ Full-tone set is required. Fig(s) _____
☒ Photographs may not be mounted. 37 CFR 1.84(e)
Poor quality (half-tone). Fig(s) _____

3. TYPE OF PAPER. 37 CFR 1.84(c)

____ Paper not flexible, strong, white, and durable.

____ Fig(s) _____

____ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) 1-27

____ Mylar, velum paper is not acceptable (too thin).

____ Fig(s) _____

4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:

____ 21.0 cm by 29.7 cm (DIN size A4)

____ 21.6 cm by 27.9 cm (8 1/2 x 11 inches)

____ All drawing sheets not the same size.

____ Sheet(s) _____

____ Drawings sheets not an acceptable size. Fig(s) _____

5. MARGINS. 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

SIZE: A4 Size

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

SIZE: 8 1/2 x 11

Margins not acceptable. Fig(s) 5, 7, 14, 18, 20, 22, 25

____ Top (T) _____ Left (L)

____ Right (R) _____ Bottom (B)

6. VIEWS. 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes.

Partial views. 37 CFR 1.84(h)(2)

____ Brackets needed to show figure as one entity.

____ Fig(s) _____

____ Views not labeled separately or properly.

____ Fig(s) _____

____ Enlarged view not labeled separately or properly.

____ Fig(s) _____

7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)

____ Hatching not indicated for sectional portions of an object.

____ Fig(s) _____

____ Sectional designation should be noted with Arabic or

Roman numbers. Fig(s) _____

crowding when drawing is reduced in size to two thirds in reproduction.

Fig(s) _____

10. CHARACTER OF LINES, NUMBERS, & LETTERS.

37 CFR 1.84(i)

____ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) 1-27 (in parts)

11. SHADING. 37 CFR 1.84(m)

____ Solid black areas pale. Fig(s) _____

____ Solid black shading not permitted. Fig(s) _____

____ Shade lines, pale, rough and blurred. Fig(s) _____

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.

37 CFR 1.84(p)

____ Numbers and reference characters not plain and legible.

____ Fig(s) 1-27

____ Figure legends are poor. Fig(s) _____

____ Numbers and reference characters not oriented in the

same direction as the view. 37 CFR 1.84(p)(1)

____ Fig(s) _____

____ English alphabet not used. 37 CFR 1.84(p)(2)

____ Figs _____

____ Numbers, letters and reference characters must be at least

.32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)

____ Fig(s) _____

13. LEAD LINES. 37 CFR 1.84(q)

____ Lead lines cross each other. Fig(s) _____

____ Lead lines missing. Fig(s) _____

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)

____ Sheets not numbered consecutively, and in Arabic numerals

beginning with number 1. Sheet(s) _____

15. NUMBERING OF VIEWS. 37 CFR 1.84(u)

____ Views not numbered consecutively, and in Arabic numerals,

beginning with number 1. Fig(s) _____

16. CORRECTIONS. 37 CFR 1.84(w)

____ Corrections not made from prior PTO-948

dated _____

17. DESIGN DRAWINGS. 37 CFR 1.152

____ Surface shading shown not appropriate. Fig(s) _____

____ Solid black shading not used for color contrast.

Fig(s) _____

COMMENTS

REVIEWER _____

DATE 5/19/03

TELEPHONE NO. 7033058404

ATTACHMENT TO PAPER NO. 0503

REMINDER

Drawing changes may also require changes in the specification, e.g., if Fig. 1 is changed to Fig 1A, Fig. 1B, Fig.1C, etc., the specification, at the Brief Description of the Drawing, must likewise be changed. Please make such changes by 37 CFR 1.312 Amendment at the time of submitting drawings.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Drawings - 37 CFR 1.85

File new drawings with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Review Branch.

2. Timing for Corrections

Applicant is required to submit **acceptable** corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTOL-37).

Failure to take corrective action within set period will result in **ABANDONMENT** of the Application.

3. Corrections other than Defects Noted by the Drawing Review Branch on the Form PTO-948

All changes to the drawings, other than defects noted by the Drawing Review Branch, **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted other than correction of defects, unless the examiner has approved the proposed changes.

Attachment for PTO-948 (Rev. 03/01, or earlier)
6/18/01

The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities -- 37 CFR 1.85

New corrected drawings must be filed with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings **MUST** be filed within the **THREE MONTH** shortened statutory period set for reply in the Notice of Allowability. Extensions of time may **NOT** be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.

All changes to the drawings, other than informalities noted by the Draftsperson, **MUST** be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

Timing of Corrections

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication. See 37 CFR 1.85(a).

Failure to take corrective action within the set period will result in **ABANDONMENT** of the application.